

Claims

- [c1] 1. A single board computer wherein the board comprises a DIMM form factor, the computer comprising:
 - (a) a microprocessor;
 - (b) memory; and
 - (c) a PCI interface port;wherein the memory and the PCI interface port are operatively connected to the microprocessor.
- [c2] 2. The single board computer of claim 1 wherein the microprocessor and PCI interface port are integrated into a single chip.
- [c3] 3. The single board computer of claim 1 further comprising a network interface port.
- [c4] 4. The single board computer of claim 23 wherein the network interface port comprises, either singly or in combination, an Ethernet interface port, an RS232 interface port, or an RS 485 interface port.
- [c5] 5. The single board board computer of claim 1 further comprising an embedded operating system.
- [c6] 6. The single board computer of claim 45 wherein the

operating system comprises a Linux system.

- [c7] 7.The single board computer of claim 1 wherein the memory comprises both volatile and non-volatile memory.
- [c8] 8.A web-server comprising:
 - (a)a single board computer as claimed in claim 3; and
 - (b)a workstation comprising a personal computer having a network interface port, operatively connected to the single board computer by means of a local area network, wide area network or the Internet.